

## ABSTRACT OF THE DISCLOSURE

A rotary electric machine has a stator winding made of a plurality of segments. The segments comprises a plurality of regular segments regularly arranged to provide a part of the stator winding and irregular segments disposed to provide a remaining part of the stator winding. The regular segments are covered with a polyester-imide. The irregular segments are covered with a polyamide-imide that provides a higher insulation performance than the polyester-imide. Therefore, it is possible reduce an amount of the polyamide-imide to ensure an insulation relating to the irregular segments.